RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: *10 811,136 A*
Source: *IFWO*
Date Processed by STIC: *7-2-04*

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
1) **INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
2) **TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**
FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE <u>CHECKER VERSION 4.2 PROGRAM</u>, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:
        http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm

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Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.
Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 06/05/04): U.S. Patent and Trademark Office, 220 20th Street S., Customer Window, Mail Stop Sequence, Crystal Plaza Two, Lobby, Room 1B03, Arlington, VA 22202

Revised 05/17/04

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IFWO

RAW SEQUENCE LISTING   DATE: 07/02/2004
PATENT APPLICATION: US/10/811,136A   TIME: 11:41:02

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Output Set: **N:\CRF4\07022004\J811136A.raw**

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Does Not Comply
Corrected Diskette Needed

mandatory response, see error summary report on page 6

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386 tgccattgct acaggcatcg tggtgtcacg ctcgtcgttt ggtatggctt cattcagctc   4620
388 cggttcccaa cgatcaaggc gagttacatg atcccccatg ttgtgcaaaa aagcggttag   4680
390 ctccttcggt cctccgatcg ttgtcagaag taagttggcc gcagtgttat cactcatggt   4740
392 tatggcagca ctgcataatt ctcttactgt catgccatcc gtaagatgct tttctgtgac   4800
394 tggtgagtac tcaaccaagt cattctgaga atagtgtatg cggcgaccga gttgctcttg   4860
396 cccggcgtca atacgggata ataccgcgcc acatagcaga actttaaaag tgctcatcat   4920
398 tggaaaacgt tcttcggggc gaaaactctc aaggatctta ccgctgttga gatccagttc   4980
400 gatgtaaccc actcgtgcac ccaactgatc ttcagcatct tttactttca ccagcgtttc   5040
402 tgggtgagca aaaacaggaa ggcaaaatgc cgcaaaaaag ggaataaggg cgacacggaa   5100
404 atgttgaata ctcatactct tcctttttca atattattga gcatttatc agggttattg   5160
406 tctcatgagc ggatacatat ttgaatgtat ttagaaaaat aaacaaatag gggttccgcg   5220
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418 gttggagtcc acgttcttta atagtggact cttgttccaa actggaacaa cactcaaccc   5580
420 tatctcggtc tattcttttg atttataagg gattttgccg atttcggcct attggttaaa   5640
422 aaatgagctg atttaacaaa aatttaacgc gaattttaac aaaatattaa cgtttacaat   5700
424 ttcccattcg ccattcaggc tgcgcaactg ttgggaaggg cgatcggtgc gggcctcttc   5760
426 gctattacgc cagcccaagc taccatgata agtaagtaat attaaggtac gggaggtact   5820
428 tggagcggcc gcaataaaat atctttattt tcattacatc tgtgtgttgg ttttttgtgt   5880
430 gaatcgatag tactaacata cgctctccat caaaacaaaa cgaaacaaaa caaactagca   5940
432 aaataggctg tccccagtgc aagtgcaggt gccagaacat tt                      5982
435 <210> SEQ ID NO: 3
436 <211> LENGTH: 5924
437 <212> TYPE: DNA
438 <213> ORGANISM: artificial
440 <220> FEATURE:
440 <223> OTHER INFORMATION:
440 <400> 3
441 ctctatcgat aggtaccgag ctcttacgcg tgctagccct cgagcaggat ctatacattg     60
443 aatcaatatt ggcaattagc catattagtc attggttata tagcataaat caatattggc    120
445 tattggccat tgcatacgtt gtatctatat cataatatgt acatttatat tggctcatgt    180
447 ccaatatgac cgccatgttg acattgatta ttgactagtt attaatagta atcaattacg    240
449 gggtcattag ttcatagccc atatatggag ttccgcgtta cataacttac ggtaaatggc    300
451 ccgcctggct gaccgcccaa cgacccccgc ccattgacgt caataatgac gtatgttccc    360
453 atagtaacgc caatagggac tttccattga cgtcaatggg tggagtattt acggtaaact    420
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W--> 440   <220> FEATURE:
W--> 440   <223> OTHER INFORMATION:
W--> 440   <400> 3

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 07/02/2004
PATENT APPLICATION: US/10/811,136A   TIME: 11:41:03

Input Set : A:\025CIP SEQ List ver2.txt
Output Set: N:\CRF4\07022004\J811136A.raw

<u>Invalid <213> Response:</u>
Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,12

<u>Use of <220> Feature(NEW RULES):</u>
Sequence(s)__are missing the <220> Feature and associated headings.
Use of <220> to <223> is MANDATORY if <213> ORGANISM is "Artificial Sequence"
or"Unknown". Please explain source of genetic material in <220> to <223>
section (See "Federal Register," 6/01/98, Vol. 63, No. 104,pp.29631-32)
(Sec.1.823 of new Rules)

Seq#:1,2,3,4,5,6,7,8,9,10,11,12

VERIFICATION SUMMARY　　　　　　　　DATE: 07/02/2004
PATENT APPLICATION: **US/10/811,136A**　　TIME: 11:41:03

Input Set : **A:\025CIP SEQ List ver2.txt**
Output Set: **N:\CRF4\07022004\J811136A.raw**

L:9 M:270 C: Current Application Number differs, Replaced Current Application No
L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:18 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:1, <213>
ORGANISM:artificial
L:18 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:1, <213>
ORGANISM:artificial
L:18 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:1,Line#:18
L:233 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:2, <213>
ORGANISM:artificial
L:233 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:2, <213>
ORGANISM:artificial
L:233 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:2,Line#:233
L:440 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:3, <213>
ORGANISM:artificial
L:440 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:3, <213>
ORGANISM:artificial
L:440 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:3,Line#:440
L:645 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:4, <213>
ORGANISM:artificial
L:645 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:4, <213>
ORGANISM:artificial
L:645 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:4,Line#:645
L:824 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:5, <213>
ORGANISM:artificial
L:824 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:5, <213>
ORGANISM:artificial
L:824 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:5,Line#:824
L:1001 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:6, <213>
ORGANISM:artificial
L:1001 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:6, <213>
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L:1178 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:7, <213>
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L:1178 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:7,Line#:1178
L:1789 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:8, <213>
ORGANISM:artificial
L:1789 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:8, <213>
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L:1789 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:8,Line#:1789
L:2378 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:9, <213>
ORGANISM:artificial
L:2378 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:9, <213>
ORGANISM:artificial
L:2378 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:9,Line#:2378
L:2559 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:10, <213>
ORGANISM:artificial
L:2559 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:10, <213>
ORGANISM:artificial
L:2559 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:10,Line#:2559
L:2774 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:11, <213>

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ORGANISM:artificial
L:2774 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:11, <213>
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L:2789 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:12, <213>
ORGANISM:artificial
L:2789 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:12, <213>
ORGANISM:artificial
L:2789 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:12,Line#:2789
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